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PATENTS  
LT-5 REISSUE

#21  
P. H. H.  
7/6/94

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION FOR REISSUE  
OF U.S. PATENT 4,823,070

Date of Issue : April 18, 1989  
Inventor : ✓ Carl T. Nelson  
Title : SWITCHING VOLTAGE REGULATOR CIRCUIT  
Assignee : Linear Technology Corporation  
Reissue Serial No. : ✓ 683,549  
Reissue Filing Date : ✓ April 10, 1991  
Examiner : K. Peckman, Art Unit 2102

RECEIVED  
JUN 16 1994  
GROUP 2100

RECEIVED  
JUN 30 1994  
GROUP 2100

DECLARATION OF DANIEL W. WARK

I, DANIEL W. WARK, a citizen of the United States  
residing at 320 Britto Terrace, Fremont, California 94539,  
declare that:

1. I am presently employed by Linear Technology Corporation (hereafter "LTC") of Milpitas, California. I have been employed by LTC since May 1983. My current position at LTC is Director of Corporate Services. I have held this position since September 1992.

2. From May 1983 until July 1989, I was Manager of LTC's Production Control Group. The Production Control Group schedules production in LTC's factory. The Production Control Group also schedules factory commitment dates in response to orders for LTC products received by LTC from its distributors and

sales representatives. Based on my experience as Manager of the Production Control Group, I am familiar with LTC's procedures and documentation for handling such orders in 1985.

3. In 1985, LTC's distributors and sales representatives typically sent orders to LTC by fax or telex. These orders were sometimes modified by follow-up requests made by telephone. An order normally specified one or more devices and a requested quantity and delivery date for each specified device. The faxes and telexes were transmitted to LTC's Customer Service Group, which in turn placed the faxes and telexes into a tray to await review by LTC's Production Control Group. I or another person in the Production Control Group reviewed each fax or telex in the tray. If the order was for a device that was within LTC's product line at the time and being offered for sale by LTC, it was scheduled for production and a hand-written annotation was made on the fax or telex indicating a date by which the factory would have the requested quantity of the device ready for delivery. We referred to this date as the "factory commitment date."

4. After the Production Control Group annotated a fax or telex, it was then returned to the Customer Service Group for documentation. The Customer Service Group documented orders from distributors and sales representatives by entering the orders into an order management database. In 1985, LTC did not have its own computerized system for order management and accounts receivable. Instead, it used an off-site database service

provided by Smith, Dennis & Gaylord ("SD&G") on a time-shared basis to document all orders, accounts receivable and finished goods inventory.

5. Each order entered into the SD&G time-shared database was assigned a sales order number. The sales order number was formatted to indicate the month and year in which the corresponding order was entered into the database. The sales order numbers were also serialized, such that a sales order number indicated not only the month and year in which a corresponding order was entered into the the SD&G time-shared database, but also whether the order was the first, second, third, etc. order entered within a particular month.

6. Once entered into the SD&G time-shared database, orders remained "open" pending completion by LTC (e.g., by shipping the requested products) or some other terminating event. LTC's order entry system allowed LTC's Customer Service Group to add devices to an open order, which they often did in response to requests from distributors and sales representatives. In such cases, the added devices would become associated in the SD&G time-shared database with a sales order number that had been assigned earlier to the open order when it was first entered.

7. In January of this year, I was asked by Robert Scott, LTC's Marketing Manager, to visit a warehouse at which LTC has stored some of its old sales and marketing materials and to search through those materials for any records of orders received by LTC in 1984-1986 from its distributors or sales

representatives for certain LTC devices. I understood from Mr. Scott that the search request was in connection with an investigation being conducted by LTC relating to pending or anticipated litigation.

8. I visited the warehouse on January 7, 1994. During my search at the warehouse, I discovered a bound computer printout entitled "SALES ORDER REPORT." The printout is dated December 20, 1985 and it appears to contain a listing of information from the SD&G time-shared database which identifies all orders entered into the database during the period May 1983 through December 1985. In the report the orders are sorted by sales order number. I gave this document to Mr. Scott. Upon information and belief, during a review of the document by Mr. Scott it was discovered that the report included entries for devices in the LT-1070 device family and that some of these entries were associated with sales order numbers having dates prior to November 18, 1985.

9. I was not looking for information concerning the LT-1070 device family when I first searched the warehouse. I did not know, prior to finding the Sales Order Report, that the report existed.

10. From the Sales Order Report, it appears that requests for LT-1070 devices were entered into the database under sales order numbers having initial entry dates prior to November 18, 1985 as follows:

<u>S/O NO</u>	<u>SO DT</u>	<u>CUST ABBREV NAME</u>	<u>PART NUMBER</u>	<u>REQ DT</u>	<u>REQ QTY</u>	<u>UNSHPD</u>
5K0236	10/24/85	JERMYN	LT1070CT	11/19/85	50	50
5K0326	10/31/85	MICROLOG	LT1070CT	11/19/85	50	50
5L0039	11/5/86	NEYE	LT1070CT	11/19/85	50	50
5L0074	11/11/85	SVENSK	LT1070CHVT	11/21/85	100	100
5L0074	11/11/85	SVENSK	LT1070CK	11/19/85	200	200
5L0074	11/11/85	SVENSK	LT1070CT	11/19/85	300	300
5L0085	11/12/85	BACHER	LT1070CT	11/19/85	100	100
5L0121	11/14/85	AMITRON	LT1070CK	11/19/85	200	200

Copies of the pages from the Sales Order Report containing the above entries (which include more information than is listed above) are attached hereto as Exhibit A.

11. Based on my experience as Manager of the Production Control Group, and my familiarity with the SD&G time-shared database, I understand the following from the Sales Order Report. "S/O NO" is the sales order number, which gives the year and month of the order and its serial number within that period (e.g., in "5K0236," "5" indicates 1985; "K," the 11th letter of the alphabet, indicates November, the 11th month; and "236" indicates that it is the 236th order entered in November 1985). The "SO DT" is the date that the LTC Customer Service Group made its initial entry into the database with respect to the corresponding sales order number (it does not, however, indicate that the database entries for LT-1070 devices were made on that date, as I explain further below). The "CUST ABBREV NAME"

identifies the distributor or sales representative that initiated the order. "PART NUMBER" is the particular LTC device that was ordered, including package type. "REQ DT" is the date of delivery requested in the order. "REQ QTY" is the number of devices ordered. "UNSHPD" is the number of requested devices that had not been shipped in response to the order as of the date of the report.

12. All of the entries in the Sales Order Report for LT-1070 devices that are associated with sales order numbers having initial entry dates prior to November 18, 1985 (i.e. the entires identified in ¶ 10 above) were from foreign distributors (Jermyn, France; Microlog, England; Neye, Germany; Svensk, Sweden; Bacher, Austria; Amitron, Spain). Three of the entries were associated with a single order (#5L0074) from Svensk. The Sales Order Report shows that no LT-1070 parts were shipped in response to any of these requests prior to December 20, 1985, the date the Sales Order Report was generated.

13. The LT-1070 was not part of LTC's product line, and was not available for sale, prior to November 18, 1985. A new device became part of LTC's product line and could be offered for sale only after a Released Product Listing ("RPL") Form for that device was issued. Issued RPL Forms were approved by various department managers, including me. An RPL Form for the LT-1070 was first issued on November 18, 1985. It is now, and it was in 1985, company policy at LTC that a device could not be sold or offered for sale, and no order for the device could be

solicited, booked or acknowledged, prior to issuance of an RPL Form for that device. The RPL Form for the LT-1070 confirms that prior to November 18, 1985 the LT-1070 was not a part of LTC's product line, the LT-1070 was not authorized to and could not be sold or offered for sale as an LTC product, and orders for the LT-1070 were not authorized to and could not be solicited, booked or acknowledged. A copy of the RPL Form for the LT-1070 is attached hereto as Exhibit B.

14. In view of LTC's policies and the RPL Form for the LT-1070, the requests for the LT-1070 identified in ¶ 10 above could not have been booked on the dates of the sales order numbers with which they are associated. They could only have been booked after November 18, 1985, the date the RPL Form for the LT-1070 issued. As I discuss below, LTC's warehouse contained further documentation showing that, in fact, the LT-1070 requests were booked as orders on the dates indicated in the sales report under "REQ DT." As can be seen from the Sales Order Report and the information set forth in ¶ 10 above, these dates are November 19, 1985 and November 21, 1985.

15. After it was discovered that the Sales Order Report showed entries for the LT-1070 associated with sales order numbers having dates prior to November 18, 1985, Mr. Scott asked me to return to the warehouse and to search for any other documents concerning these requests for the LT-1070. I visited the warehouse again on February 16, 1994. On this second occasion I located another bound computer printout entitled

"MONTHLY INVOICE REGISTER." This document included monthly reports of invoices issued by LTC during the fiscal year ending June 29, 1986. I also located a bound computer printout entitled "DETAIL SALES REPORT BY SALES CODE," which was a report of invoices issued during a period ending February 23, 1986, and a bound computer printout entitled "BOOKINGS BY CUSTOMER, 10/28/85 THRU 11/24/85."

16. I located references to the above-identified LT-1070 requests in each of these reports. The invoice reports show that LT-1070 products first began shipping against orders in January and February, 1986. The bookings report, which is a compilation of monthly reports, lists by distributor/sales representative the orders that were booked in each month for that distributor or sales representative. Entries corresponding to the LT-1070 requests identified in ¶ 10 above all appear in the monthly report covering the period October 28, 1985 through November 24, 1985. Each entry has a "TRANSACTION DATE" identical with the "REQ DT" that appears in the Sales Order Report for the corresponding request. The transaction date is the date the request was booked by LTC as an order. Copies of the pages from the bookings report that refer to the LT-1070 requests are attached hereto as Exhibit C.

17. It is clear from the bookings report that the LT-1070 orders referred to above were not booked on the sales order dates shown in the Sales Order Report. The LT-1070 requests were booked by adding the requests to previously entered orders for



other LTC products, but only after the RPL for the LT-1070 issued. From the Sales Order Report it can be seen that each LT-1070 entry is associated with a sales order number which is also associated with at least one other LTC product. For example, sales order #5K0236 (Jermyn) includes an order for LTC's LM117HVK/883 product, in a quantity of 150.

18. I have included in Exhibit C a page from the bookings report for the period September 30, 1985 through October 26, 1985 containing an entry for sales order #5K0236. This entry shows that the order for LTC's LM117HVK/883 product was booked on October 24, 1985, the date of the sales order number #5K0236 shown in the Sales Order Report. Consistent with the bookings shown in the bookings report October 28, 1985 through November 24, 1985, the LT-1070 entry associated with sales order #5K0236 does not appear in this earlier bookings report. Had Jermyn's LT-1070 request been booked on the sales order date of October 24, 1985 shown in the Sales Order Report, it would have appeared in the bookings report for the period September 30, 1985 through October 26, 1985 along with the order for LTC's LM117HVK/883 product.

19. For the above-stated reasons, LTC's records including the documents I located in the warehouse confirm that prior to November 18, 1985 the LT-1070 was not being sold or offered for sale by LTC.

I hereby declare that all statements made herein of my

own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application in connection with which this declaration is being submitted to the Patent and Trademark Office, or any patent issued thereon.

Dated: June 1, 1994

✓   
Daniel W. Wark

DATE: 12/20/85

SALES ORDER REPORT - ALL ORDERS WITHIN DATE RANGE

SORTED BY SALES ORDER NUMBER

S/O NO	SO DT	CUST ABBREV NAME	CUSTOMER NUMBERS	TARD PO NUMBER	PART NUMBER	SPEC/FD PRICE	UNIT	REQ DT	REQ QTY	UNSHPD
SK0221	102385	MARSHALL/ELMONTE	00302000	DS L1076165	LTC1043MD	12.50		102385	20	0
SK0221	102385	MARSHALL/ELMONTE	00302000	DS L1076165	CP227EJ	8.00		111585	50	0
SK0221	102385	MARSHALL/ELMONTE	00302000	DS L1076165	CP227EJ	8.00		121585	150	0
SK0221	102385	MARSHALL/ELMONTE	00302000	DS L1076165	CP227EJ	8.00		021586	50	50
SK0221	102385	MARSHALL/ELMONTE	00302000	DS L1076165	CP37AH	12.50		102385	25	0
SK0222	102385	WYLE/SALT LAKE	00160033	DN N2096519	LM337K	2.70		102385	200	0
SK0222	102385	WYLE/SALT LAKE	00160033	DN N2096519	LT1013ACJ6	4.15		102385	50	0
SK0223	102385	WESTHSE/GLEH BN	00331031	SA 869AKR79203	7703401YA/117K	5.15		111786	363	363
SK0224	102385	WESTHSE/GLEH BN	00331031	SA 86PAKF30125	7703402YA/117HK	12.00		101586	1825	1825
SK0225	102385	WESTHSE/GLEH BN	00331031	SA 86PAKR51699	7703402YA/117HK	12.00		112885	817	13
SK0226	102485	JERNYN/EGT AIRPT	00236031	FRA 153CON5036	LM137HVK/883	13.00		102485	70	0
SK0227	102485	GEC-EXPEDAIR	00268031	UNK 260214210-D0	LF198H/883	6.80		112855	1005	0
SK0227	102485	GEC-EXPEDAIR	00268031	UNK 260214210-D0	LF198H/883	6.80		013087	253	253
SK0228	102485	FALCON/CONN	00135000	DE 4329	7703403YA/137H	7.00		102485	500	500
SK0228	102485	FALCON/CONN	00135000	DE 4329	7703403YA/137K	8.00		102485	500	500
SK0229	102485	COLLINS, IOWA	00379033	15 AT6482011	LM111H	1.25		031786	500	500
SK0229	102485	COLLINS, IOWA	00379033	15 AT6482011	LM111H	1.25		042186	400	400
SK0229	102485	COLLINS, IOWA	00379033	15 AT6482011	LM111H	1.25		052686	400	400
SK0229	102485	COLLINS, IOWA	00379033	15 AT6482011	LM111H	1.25		063066	400	400
SK0230	102485	SUR/NT	00380000	K419	LT100E DICE	5.00		102485	100	0
SK0231	102485	CALDER	00294000	DC T11780	LT100ECH	2.70		102485	120	0
SK0231	102485	CALDER	00294000	DC T11780	LT1043CN	2.05		102485	100	0
SK0232	102485	TOMEN/JAPAN	00533000	JAP LT125	AD581JH	2.40		102485	100	0
SK0232	102485	TOMEN/JAPAN	00533000	JAP LT125	LM315N8	1.25		102485	200	0
SK0233	102485	MICROLOG/DLINE	00254031	UNK ULT38510	LT1013CN8	2.05		102485	200	0
SK0233	102485	MICROLOG/DLINE	00254031	UNK ULT38510	LT1013CN8	2.05		111285	400	0
SK0233	102485	MICROLOG/DLINE	00254031	UNK ULT38510	LT1014CJ	4.00		102485	50	0
SK0233	102485	MICROLOG/DLINE	00254031	UNK ULT38510	LT1037ACN5	3.50		102485	150	0
SK0233	102485	MICROLOG/DLINE	00254031	UNK ULT38510	LT1043CN	2.05		102485	200	0
SK0233	102485	MICROLOG/DLINE	00254031	UNK ULT38510	LT1043CN	2.05		050186	400	400
SK0233	102485	MICROLOG/DLINE	00254031	UNK ULT38510	LT1052CN3	3.00		102485	200	0
SK0233	102485	MICROLOG/DLINE	00254031	UNK ULT38510	LT1052CN3	3.00		050186	400	400
SK0234	102485	JOHANSEN ELEK	00548000	DEH 077485	LF156H	2.50		102485	200	0
SK0234	102485	JOHANSEN ELEK	00548000	DEH 077485	LM136H-2.5	2.00		102485	500	0
SK0234	102485	JOHANSEN ELEK	00548000	DEH 077485	LM3852-2.5	.90		102485	200	0
SK0234	102485	JOHANSEN ELEK	00548000	DEH 077485	LT1001CH	2.50		102485	200	0
SK0234	102485	JOHANSEN ELEK	00548000	DEH 077485	LT1001CN8	2.00		102485	200	0
SK0234	102485	JOHANSEN ELEK	00548000	DEH 077485	LT1004C2-1.2	1.10		102485	200	0
SK0234	102485	JOHANSEN ELEK	00548000	DEH 077485	LT1007CN8	2.80		102485	100	0
SK0235	102485	TEKELEC/FRANCE	00500031	FRA FV904836	LT1001CN8	1.60		103055	1000	0
SK0235	102485	TEKELEC/FRANCE	00500031	FRA FV904836	LT1001CN8	1.60		111585	3000	0
SK0235	102485	TEKELEC/FRANCE	00500031	FRA FV904836	LT1001CN8	1.60		013066	1500	1500
SK0235	102485	TEKELEC/FRANCE	00500031	FRA FV904836	LT1001CN8	1.60		033066	1500	1500
SK0235	102485	TEKELEC/FRANCE	00500031	FRA FV904836	LT1001CN8	1.60		043066	1500	1500
SK0235	102485	TEKELEC/FRANCE	00500031	FRA FV904836	LT1001CN8	1.60		053066	1000	1000
SK0235	102485	TEKELEC/FRANCE	00500031	FRA FV904836	LT1001CN8	1.60		063066	1000	1000
SK0235	102485	TEKELEC/FRANCE	00500031	FRA FV904836	LT1013AKJ6	6.20		102485	50	0
SK0235	102485	TEKELEC/FRANCE	00500031	FRA FV904836	LT1013AKJ6	13.00		102485	150	0
SK0236	102485	JERNYN/EGT AIRPT	00236031	FRA 153CON5037	LT1079CT	5.25		111985	50	50
SK0237	102485	FEFANT	00563000	B21558-111	MCF WAFERS	235.00		111185	119	0

SO REQ DATE > 000000 AND SO REQ DATE < 999999

SALES ORDER REPORT - ALL ORDERS WITHIN DATE RANGE

DATE 11/22/20/85

SORTED BY SALES ORDER NUMBER

S/O NO	SO DT	CUST ABBREV NAME	CUSTOMER NUMBERS	TARD PO NUMBER	PART NUMBER	SPEC/PO PRICE	UNIT	REQ DT	REQ QTY	UNSHPD
SK0321	103185	HENSCHES/DEGURO	00164000	GRW 700335	GP072CS8	2.20	103185	300	0	0
SK0322	103185	WYLE/DENVER	00175000	DN W0494088	LM3362-2.5	.70	103185	2500	0	0
SK0323	103185	FINTRONIC/FINLD	00049000	FIN 100727	LT1013CN8	1.65	120985	200	0	200
SK0324	103185	FINTRONIC/FINLD	00049000	FIN 100727	LT1013CN8	1.65	103185	100	0	0
SK0325	103185	FINTRONIC/FINLD	00049000	FIN 100727	LT1032CN	2.00	103185	50	0	50
SK0326	103185	MICROLOG/DTLNE	00254001	UNK ULT58510	LT1070C7	5.25	111585	100	0	0
SK0327	103185	MICROLOG/DTLNE	00254001	UNK ULT58510	LTC1041CN3	2.75	103185	100	0	0
SK0328	103185	MICROLOG/DTLNE	00254001	UNK ULT58510	LTC1041CN3	1.95	103185	100	0	0
SK0329	103185	MICROLOG/DTLNE	00254001	UNK ULT58510	WILL ADVISE	.00	103185	1	0	0
SK0330	103185	TOHEN/JAPAN	00533000	JAP LT125	LTC1044MJ6	4.10	111585	100	0	0
SK0331	103185	TOHEN/JAPAN	00533000	JAP LT125	SG1524J/883	6.00	112285	50	0	0
SK0332	103185	TEKELEC/FRANCE	00550001	FRA FV904838	OP07A08/883	15.00	103185	470	0	0
SK0333	103185	TEKELEC/FRANCE	00550001	FRA FV904838	OP07A08/883	15.00	120585	41	0	0
SK0334	103185	TEKELEC/FRANCE	00237000	DE A15649	LF356AH5	4.00	103185	100	0	0
SK0335	103185	ADD	00237000	DE A15649	LT1013CN8	2.05	103185	100	0	0
SK0336	103185	DIPLOMAT/DALLAS	00277003	DC Q3885	LF156AH	9.00	103185	25	0	25
SK0337	103185	DIPLOMAT/DALLAS	00277003	DC Q3885	LT1013M08/883	6.00	103185	50	0	50
SK0338	103185	DIPLOMAT/DALLAS	00277003	DC Q3885	LT223AT	1.60	103185	150	0	150
SK0339	103185	TEKELEC/FRANCE	00550001	FRA FV904837	LT1004C2-2.5	1.10	103185	200	0	0
SK0340	103185	TEKELEC/FRANCE	00550001	FRA FV904837	LT1012CH	3.00	103185	80	0	0
SK0341	103185	TEKELEC/FRANCE	00550001	FRA FV904837	LT1012CH	5.30	103185	100	0	0
SK0342	103185	TEKELEC/FRANCE	00550001	FRA FV904837	LT1012CH	1.65	103185	100	0	0
SK0343	103185	TEKELEC/FRANCE	00550001	FRA FV904837	LT1013CN8	5.00	103185	50	0	0
SK0344	103185	TEKELEC/FRANCE	00550001	FRA FV904837	LT1031E0H	25.00	103185	350	0	0
SK0345	103185	G.E. KING FRUS	00387001	4 F14K1232	JM38510101072GA	2.75	110985	260	0	0
SK0346	103185	JAPAN MACNICS	00522000	JAP 151100385-87	LM108H	3.50	110985	500	0	0
SK0347	103185	JAPAN MACNICS	00522000	JAP 151100385-87	LT1037CH	.90	103185	1000	0	0
SK0348	103185	KLG/CALIF	00298000	24C 5060	LM303AH	.90	121585	1000	0	0
SK0349	103185	KLG/CALIF	00298000	24C 5060	LM303AH	.90	111586	1000	0	0
SK0350	103185	KLG/CALIF	00298000	24C 5060	LM303AH	.90	1021586	1000	0	0
SK0351	103185	KLG/CALIF	00298000	24C 5060	LM303AH	.90	1031586	1000	0	0
SK0352	103185	WYLE/PORTLAND	00161003	DN N2504957	SG3525AN	2.75	103085	250	0	0
SK0353	103185	SIGNETICS	00153001	BA31986	SPECIAL SHIPPER	.08	103185	5969	0	0
SK0354	103185	WYLE/IRVINE	00160004	DS S0363325	SPECIAL SHIPPER	2000.00	103185	1	0	0
SK0355	103185	WYLE/IRVINE	00160004	DS S0363325	LT1038CK	6.90	10186	1000	0	0
SK0356	103185	WYLE/IRVINE	00160004	DS N0363317	LT1038CK	6.90	103185	1000	0	0
SK0357	103185	WYLE/IRVINE	00160004	DE 1390	LT1008CN8	2.20	103185	750	0	0
SK0358	103185	WYLE/IRVINE	00160004	DE 1390	OP07CN8	2.05	103185	500	0	0
SK0359	103185	WYLE/IRVINE	00160004	DE 1390	7803401YA/117K	6.75	103185	500	0	0
SK0360	103185	WYLE/IRVINE	00160004	DE 1390	7802801EA/1524J	8.00	103185	1000	0	0
SK0361	103185	WYLE/IRVINE	00160004	DE 1390	LM108AH/883	4.00	103185	500	0	0
SK0362	103185	WYLE/IRVINE	00160004	DE 1390	LM108AH/883	16.00	103185	500	0	0
SK0363	103185	WYLE/IRVINE	00160004	DE 1390	LM117HVH/883	17.00	103185	500	0	0
SK0364	103185	WYLE/IRVINE	00160004	DE 1390	LM117HVH/883	5.00	103185	500	0	0
SK0365	103185	WYLE/IRVINE	00160004	DE 1390	LM115J8/883	7.00	103185	500	0	0
SK0366	103185	WYLE/IRVINE	00160004	DE 1390	LM137K/883	6.00	103185	500	0	0
SK0367	103185	WYLE/IRVINE	00160004	DE 1390	LM150K/883	6.00	103185	500	0	0
SK0368	103185	WYLE/IRVINE	00160004	DE 1390	LT1010CH	2.50	103185	100	0	0
SK0369	103185	WYLE/IRVINE	00160004	DE 1390	LT1010CH	6.00	103185	500	0	0
SK0370	103185	WYLE/IRVINE	00160004	DE 1390	LF156AH/883	15.00	103185	524	0	0
SK0371	103185	WYLE/IRVINE	00160004	DE 1390	LT1007NH	5.50	103185	1000	0	0

SD REQ DATE > 000000 AND SO REQ DATE < 999999

DATE: 12/20/85

SALES ORDER REPORT - ALL ORDERS WITHIN DATE RANGE

ORDER NUMBER

S/O NO	SO DT	CUST ABBREV NAME	CUSTOMER NUMBER	TARD PO NUMBER	PART NUMBER	SPEC/FQ PRICE	UNIT	REQ DT	REQ QTY	UNSPD
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT1002CN	3.50	150	021786	150	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT1004CZ-2.5	1.10	300	021786	300	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT1008CN8	2.20	400	110685	400	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT1008CN8	2.20	500	021786	500	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT1014DN	2.50	100	110685	100	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT1017CN8	1.45	100	110685	100	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT1070CT	5.25	50	111985	50	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT317AT	1.05	300	012066	300	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT317AT	1.05	100	031786	100	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT317AT	1.05	300	041486	300	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT317AT	1.05	300	051986	300	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT317AT	1.05	500	092986	500	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LT317AT	3.25	50	110685	50	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	LTC1052CN	5.25	50	110685	50	
5L0039	110585	MEYE/ULZBURGER	00045001	GRW 96037	WILL ADVISE	3.00	80	110685	80	
5L0040	110585	MARSHALL/ELMONTE	0302000	DS L1082568	LT350HK	3.00	80	031586	80	
5L0040	110585	MARSHALL/ELMONTE	0302000	DS L1082568	LT350AT	2.10	100	121585	100	
5L0040	110585	MARSHALL/ELMONTE	0302000	DS L1082568	LT350AT	2.10	100	031586	100	
5L0040	110585	MARSHALL/ELMONTE	0302000	DS L1082568	LT323AK	3.60	80	110685	80	
5L0041	110585	MARSHALL/ELMONTE	0302000	DS L1082568	LT323AK	3.60	60	123085	60	
5L0041	110585	MARSHALL/ELMONTE	0302000	DS L1082568	LT323AK	3.60	60	021586	60	
5L0041	110585	MARSHALL/ELMONTE	0302000	DS L1082568	LTC1052MH	5.50	100	110685	100	
5L0041	110585	MARSHALL/ELMONTE	0302000	DS L1082568	OP227GN	2.65	100	121585	100	
5L0041	110585	MARSHALL/ELMONTE	0302000	DS L1082568	OP227GN	2.65	100	021586	100	
5L0042	110585	VANTAGE	00169000	DE 6510	LT1009MH/883	5.00	80	110685	80	
5L0042	110585	VANTAGE	00169000	DE 6510	LT1029MH/883	9.25	60	110685	60	
5L0042	110585	VANTAGE	00169000	DE 6510	LT10215MH-5/833	17.75	85	110785	85	
5L0043	110785	LITTON/CALIF	0097001	24H WA920877(S)-DO	SOURCE INSPECT	500.00	1	110785	1	
5L0043	110785	LITTON/CALIF	0097001	24H WA920877(S)-DO	LM103AH	4.50	1050	121585	1050	
5L0044	110785	MARSHALL/ELMONTE	0302000	DS L1083377	LT1016CH	2.75	100	110785	100	
5L0044	110785	MARSHALL/ELMONTE	0302000	DS L1083377	LT1083377	1.20	200	110785	200	
5L0045	110785	MARSHALL/ELMONTE	0302000	DS L1083377	LM136AH-2.5/833	10.75	100	110785	100	
5L0045	110785	CHRYSLER HNTSVLL	0039001	6B MX4747310	LM318H	1.35	500	110785	500	
5L0046	110785	ALMG-MASS.	00276000	DE 560106	LT1001ACJ6	4.50	300	110785	300	
5L0046	110785	ALMG-MASS.	00276000	DE 560106	LT1010CT	2.00	1300	110785	1300	
5L0046	110785	ALMG-MASS.	00276000	DE 560106	LT1012CN8	2.45	300	110785	300	
5L0046	110785	ALMG-MASS.	00276000	DE 560106	LT1014DN	2.50	100	110785	100	
5L0047	110785	ALMG-MASS.	00276000	DE 560106	7703401YA/117K	8.00	75	110785	75	
5L0047	110785	WYLE/MILITARY	00159000	DS V4063459	7703403YA/137K	12.00	75	110785	75	
5L0048	110785	WYLE/IRVINE	00159000	DS V4063459	LM318H	1.35	560	110785	560	
5L0048	110785	WYLE/IRVINE	00160004	DS N0363911	LM329CZ	1.75	300	110785	300	
5L0048	110785	WYLE/IRVINE	00160004	DS N0363911	LT1013ACJ6	4.15	75	110785	75	
5L0048	110785	WYLE/IRVINE	00160004	DS N0363911	LT10149CJ	6.00	150	110785	150	
5L0048	110785	WYLE/IRVINE	00160004	DS N0363911	LTC1044CHS	1.45	100	122385	100	
5L0049	110785	MEYE/ULZBURGER	00045001	GRW 96035	LT1004CZ-1.2	1.00	1900	022486	1900	
5L0049	110785	MEYE/ULZBURGER	00045001	GRW 96035	LT1004CZ-1.2	1.00	1900	022486	1900	
5L0050	110785	GTE/NEEDHAM	00364001	1C 012266D-DO	LM185H-1.2/883	2.95	15905	110785	15905	
5L0050	110785	GTE/NEEDHAM	00364001	1C 012266D-DO	LM185H-1.2/883	2.95	6000	120365	6000	
5L0051	110785	GTE/NEEDHAM	00364001	1C 012266D-DO	LM329CZ	.75	1000	110785	1000	
5L0052	110785	HOURS/NEW YORK	00217000	DE 1453	40581JH	2.40	100	110785	100	
5L0052	110785	CHALDER	00294000	DC T11566						
5L0052	110785	AND SO	000000	AND SO						



## SALES ORDER REPORT - ALL ORDERS WITHIN DATE RANGE

SORTED BY SALES ORDER NUMBER

S/O NO	SO DT	CUST ABBREV NAME	CUSTOMER NUMBER	TARD PO NUMBER	PART NUMBER	SPEC/FO PRICE	UNIT	REQ DT	REQ QTY	UNSHPD
SL0083	111285	MEYE/ULZBURGER	00045001	GRW 96048	LT1055ACH	3.40		111285	100	0
SL0083	111285	MEYE/ULZBURGER	00045001	GRW 96048	LT1055ACH	1.35		111285	150	0
SL0084	111285	GERBER	00122000	DE N27181	LT1009CZ	1.10		111285	800	0
SL0084	111285	GERBER	00122000	DE N27181	LT1014DN	2.50		111285	100	0
SL0084	111285	GERBER	00122000	DE N27181	LT10152CH	3.45		111285	100	0
SL0084	111285	GERBER	00122000	DE N27181	OP237EN	4.50		111285	50	0
SL0084	111285	GERBER	00122000	DE N27181	LT1004CZ-1.2	1.10		111285	200	0
SL0085	111285	SACHER	00046001	AUS 95639401400	LT1004CZ-2.5	1.10		111285	200	0
SL0085	111285	SACHER	00046001	AUS 95639401400	LT1022CNS	2.00		111285	200	0
SL0085	111285	SACHER	00046001	AUS 95639401400	LT1079CT	5.25		111285	150	100
SL0085	111285	SACHER	00046001	AUS 95639401400	LT1044CNE	1.45		111285	100	0
SL0085	111285	SACHER	00046001	AUS 95639401400	OP227GN	2.65		111285	100	0
SL0085	111285	SACHER	00046001	AUS 95639401400	WILL ADVISE	.00		111285	1	1
SL0085	111285	SACHER	00046001	AUS 95639401400	LM339K	3.65		010586	60	60
SL0085	111285	METRONIK/W.GER	00044001	GRW MF3030	LT1002ACH	5.50		120985	50	0
SL0085	111285	METRONIK/W.GER	00044001	GRW MF3030	LT1009CZ	1.10		010586	500	0
SL0085	111285	METRONIK/W.GER	00044001	GRW MF3030	LT1009CZ	1.10		041486	500	500
SL0085	111285	METRONIK/W.GER	00044001	GRW MF3030	LT1021CNS-5	2.55		120985	300	0
SL0085	111285	METRONIK/W.GER	00044001	GRW MF3030	LT1021CNS-5	2.55		011386	300	300
SL0085	111285	METRONIK/W.GER	00044001	GRW MF3030	LT311HNE	.70		120985	200	0
SL0085	111285	METRONIK/W.GER	00044001	GRW MF3030	OP07J87883	7.00		010586	50	50
SL0085	111285	METRONIK/W.GER	00044001	GRW MF3030	AD581JH	2.40		111285	100	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1001ACJ6	4.50		111285	100	50
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1001C58	2.20		111285	100	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	OP07C88	3.00		111285	100	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	OP27GH	2.00		111285	800	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1001CNS	2.00		021586	200	200
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1001CNS	2.00		031586	200	200
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1001CNS	1.10		111285	200	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1004CZ-1.2	4.35		111285	50	50
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT10215CH-7	4.35		111285	50	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1019ACNE-2.5	3.00		031586	200	200
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1052CNS	3.50		041586	200	200
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1052CNS	3.50		111285	150	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1002CN	3.50		011586	50	50
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1007ACNE	3.50		031586	50	50
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1007ACNE	3.50		041586	50	50
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1016CNS	2.40		111285	100	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1016CNS	2.40		031586	100	100
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1022CNS	2.00		021586	150	150
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LM329BH	2.00		111285	100	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1014AMJ/883	13.25		011386	25	25
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT10143CN	2.05		111285	140	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	LT1011ACNE	1.75		111285	50	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	OP07EN8	2.10		121585	150	0
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	OP07EN8	2.10		011586	250	250
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	OP07EN8	2.10		021586	100	100
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	OP07EN8	2.10		031586	100	100
SL0087	111285	TTC, JAPAN	00056000	JAP 51972	OP15CH	1.75		011586	500	500

SO REQ DATE &gt; 000000 AND SO REQ DATE &lt; 999999

SALES ORDER REPORT - ALL ORDERS WITHIN DATE RANGE

SORTED BY SALES ORDER NUMBER

S/O NO	SO DT	CUST ABBREV NAME	CUSTOMER NUMBER	TARO PO NUMBER	PART NUMBER	SPEC/PO PRICE	UNIT	REQ DT	REQ QTY	UNSHPD
SL0106	11485	ELTRON/NORWAY	00339000	NOR 594	GP15EH	3.75	11485	120	0	
SL0105	11485	FERRANTI	00563000	B18251-114	MGL WAFERS	235.00	120585	98	8	
SL0105	11485	FERRANTI	00563000	B18251-114	MGL WAFERS	235.00	120585	2	0	
SL0110	11485	WYLE/IRVINE	00160094	DS N0364786	LT117K	6.00	11485	80	0	
SL0110	11485	WYLE/IRVINE	00160094	DS N0364786	LT1032CK	6.90	011586	1000	0	
SL0111	11485	ALMG PHIL,PA	00223000	DE 5B1010	LN2342-3	1.00	11485	500	0	
SL0111	11485	ALMG PHIL,PA	00223000	DE 5B1010	LN399AH	4.00	11485	240	0	
SL0111	11485	ALMG PHIL,PA	00223000	DE 5B1010	LT1004H-1.2	4.75	11485	250	0	
SL0111	11485	ALMG PHIL,PA	00223000	DE 5B1010	LT1010CT	2.00	11485	100	0	
SL0111	11485	ALMG PHIL,PA	00223000	DE 5B1010	LT1012CN8	2.45	11485	200	0	
SL0111	11485	ALMG PHIL,PA	00223000	DE 5B1010	LT1013CN8	2.05	11485	100	0	
SL0111	11485	ALMG PHIL,PA	00223000	DE 5B1010	LT1021CN8-10	2.55	11485	400	0	
SL0111	11485	ALMG PHIL,PA	00223000	DE 5B1010	LT223AT	1.60	11485	300	0	
SL0111	11485	ALMG PHIL,PA	00223000	DE 5B1010	GP227EJ	8.00	11485	300	0	
SL0112	11485	WESTERN MICRO	00158000	DN A1962	LT1032CK	3.00	11485	60	0	
SL0112	11485	WESTERN MICRO	00158000	DN A1962	LT1056CN8	1.35	11485	500	0	
SL0113	11485	FALCON/CONN	00135000	DE 4208	GP07EJ8	5.00	11485	150	0	
SL0113	11485	FALCON/CONN	00135000	DE 4208	GP27EN8	4.00	11485	600	0	
SL0114	11485	MARSHALL/ELMONTE	00302000	DS L1036631	LT1004CZ-1.2	1.10	021586	200	0	
SL0114	11485	MARSHALL/ELMONTE	00302000	DS L1036631	LT1004CZ-1.2	1.10	041586	200	0	
SL0114	11485	MARSHALL/ELMONTE	00302000	DS L1036631	LT1013CN8	1.65	011586	100	0	
SL0114	11485	MARSHALL/ELMONTE	00302000	DS L1036631	LT3524N	1.45	11485	150	0	
SL0114	11485	MARSHALL/ELMONTE	00302000	DS L1036631	LT3524N	1.45	021586	150	0	
SL0115	11485	CHIP SUPPLY	00247000	6767	LM185-1.2 DUF	.70	11485	2153	0	
SL0116	11485	JAPAN MAGNICS	00552000	JAP 151100395	GP07CS8	1.10	11485	3000	0	
SL0116	11485	JAPAN MAGNICS	00552000	JAP 151100395	GP07CS8	1.10	122085	2000	0	
SL0117	11485	WYLE/PORTLAND	00161033	DN N2605772	LT1032CN	2.00	120185	300	0	
SL0117	11485	WYLE/PORTLAND	00161033	DN N2605772	LT337AT	1.20	120185	200	0	
SL0118	11485	WYLE/SEATTLE	00161032	DN N0422048	LT1013CN8	2.05	11485	100	0	
SL0118	11485	WYLE/SEATTLE	00161032	DN N0422048	LT1014CN	3.75	11485	100	0	
SL0119	11485	WESTERN MICRO	00158000	DN A1925	LM329CZ	.75	11485	600	0	
SL0119	11485	WESTERN MICRO	00158000	DN A1925	LM329CZ	2.50	11485	100	0	
SL0120	11485	AQUAS/NEW YORK	00217051	DE 1508	LT317AT	1.05	11485	500	0	
SL0121	11485	AMITRON/BAYLE	00557051	SPA 50902	LT1070CK	6.75	11485	200	0	
SL0121	11485	AMITRON/BAYLE	00557051	SPA 50902	LT1043CN	2.05	11485	200	0	
SL0122	11485	HONEYWELL/SLP, MN	00207051	27 706649A6-DO	LF198H/883	7.50	122085	770	0	
SL0123	11485	COLM/S, CLARA	00341051	21C 64954	LTC1060CN	1.95	120285	3500	0	
SL0123	11485	COLM/S, CLARA	00341051	21C 64954	LTC1060CN	1.95	010586	3500	0	
SL0123	11485	COLM/S, CLARA	00341051	21C 64954	LTC1060CN	1.95	020486	2000	0	
SL0123	11485	COLM/S, CLARA	00341051	21C 64954	LTC1060CN	1.95	021586	2000	0	
SL0124	11585	GTE/NEEDHAM	00364051	1C 012283-DO	7703401YA/117K	9.25	11585	3900	0	
SL0125	11585	MICROCALL<FRO>	00643051	UNK 1600	LM137HVH/883	16.00	11585	60	0	
SL0125	11585	MICROCALL<FRO>	00643051	UNK 1600	LT1037ACNS	3.50	11585	100	0	
SL0125	11585	MICROCALL<FRO>	00643051	UNK 1600	LTC1052CH	2.75	010186	500	0	
SL0125	11585	MICROCALL<FRO>	00643051	UNK 1600	LTC1052CH	2.75	030186	500	0	
SL0125	11585	MICROCALL<FRO>	00643051	UNK 1600	LTC1052CH	2.75	060186	500	0	
SL0126	11585	LITTON/CALIF	00997051	24A W4307492-DO	JN3851010148GC	6.45	11585	525	0	
SL0126	11585	LITTON/CALIF	00997051	24A W4307492-DO	JN3851010148GC	6.45	020186	500	0	
SL0127	11585	HAMMOND/ORLANDO	00156051	DE OR1093494	LM323K	3.25	11585	100	0	

SO REQ DATE > 000000 AND SO REQ DATE < 999999



BEST AVAILABLE COPY

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JAN 07 1986

ORIGINATOR: John J. Farnham

Dept No: 53 CUSTOMER CHANGE 11/16/85

PAGE 1 OF

CHECK ONE:

☒ ADD

☐ CHANGE

☐ DELETE

CHANGE FROM:

NOTE: LIST ONLY ONE DEVICE TYPE PER PAGE

MARKETING-COMPLET ALL DATA LISTED BELOW. PACKAGE ENG-ATTACH TOPMARK ADDITIONS (09-01-0005) AS INDICATED  
PART NUMBER CRT IESD ADD TO DIE TYPE LINE PKG MULTIPLES: DIST. REP MIN. ASM MINI MIN. STOCK L R

MARK 2	CODE	QTY	COST	STOCK L R
LT1070SK	52	40	6.25	3000
LT1070ST	52	50	5.25	5000
LT1070HVK	52	20	9.00	1000
LT1070HVT	52	50	7.20	2000

LT 1070

DESCRIPTION 5 AMPERS HIGH EFFICIENCY SWITCHING REGULATOR

CHECKLIST

☒ MASK SEQUENCE LIST

☒ FAB FLOW

☒ ASSY FLOW: ASSY BONDING

☒ TEST FLOW/PROGRAM

☒ BURN-IN CAPABILITY

☒ NEW RELIABILITY DATA

QUALIFIED BY GENERIC DATA (FROM:)

APPROVALS REQUIRED: (for PRODUCT, DWF, DICE or DELETIONS)

PRODUCT ENG. MGR:

TEST ENG. MGR:

MARKETING MGR:

CUSTOMER SERVICE MGR:

OTHER APPROVALS: (for ADDITIONS OR CHANGES TO RPL)

DATE: 12/18/85

DATE: 12/18/85

DATE: 12/18/85

DATE: 12/18/85

PRODUCTION CONTROL MGR: Mable

QA ENG. MGR: P.C.

VP QA & R:

VP OPERATIONS:

DATE: 1/7/86

DATE: 1/7/86

DATE: 1/7/86

DATE: 1/7/86

PROCESS ENG. MGR:

PACKAGE ENG. MGR:

DATE: 1/7/86

DATE: 1/7/86

VP ENGINEERING:

DATE: 1/7/86

RECEIVED

CC - S. B. S. A